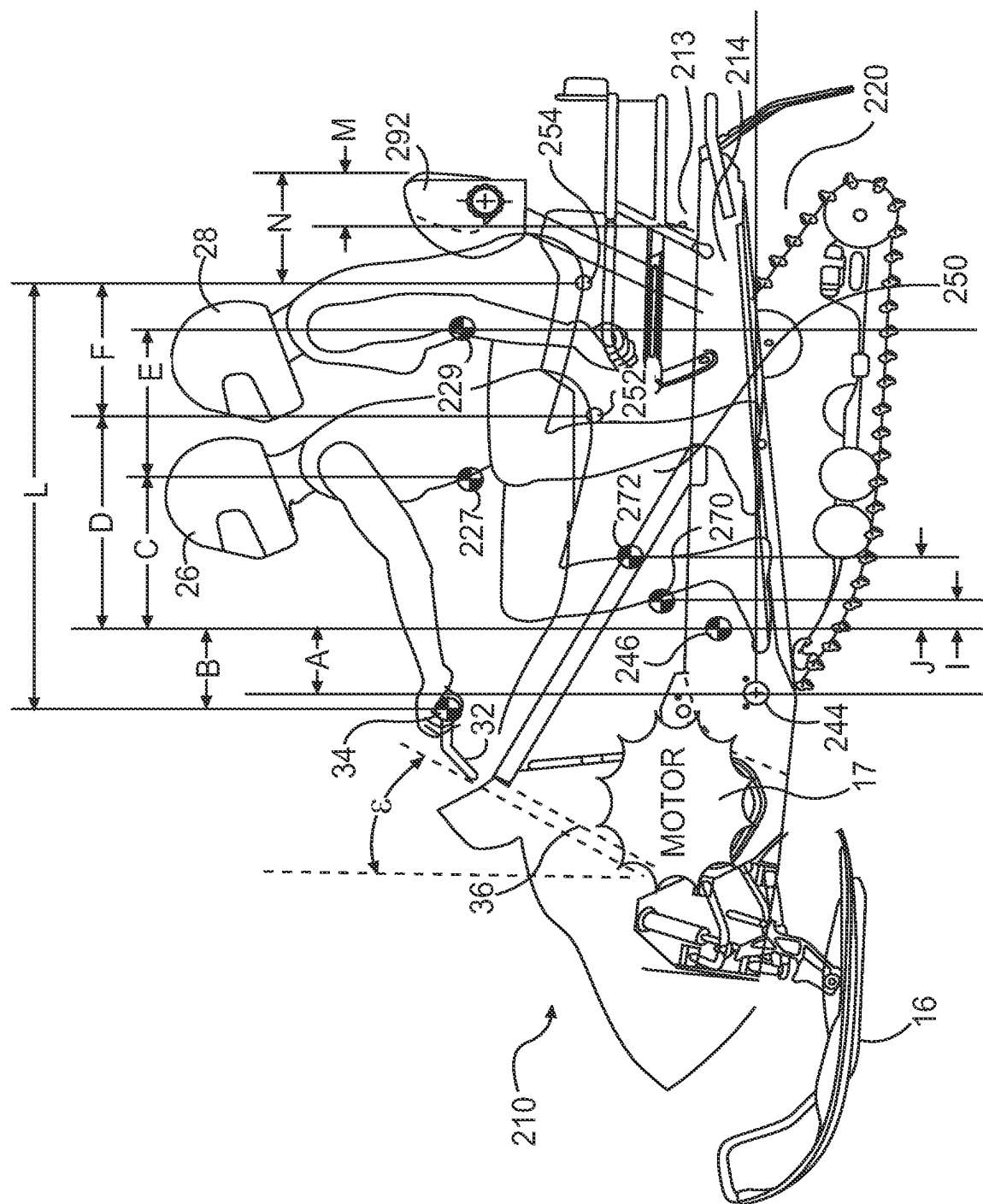


**FIG. 2**



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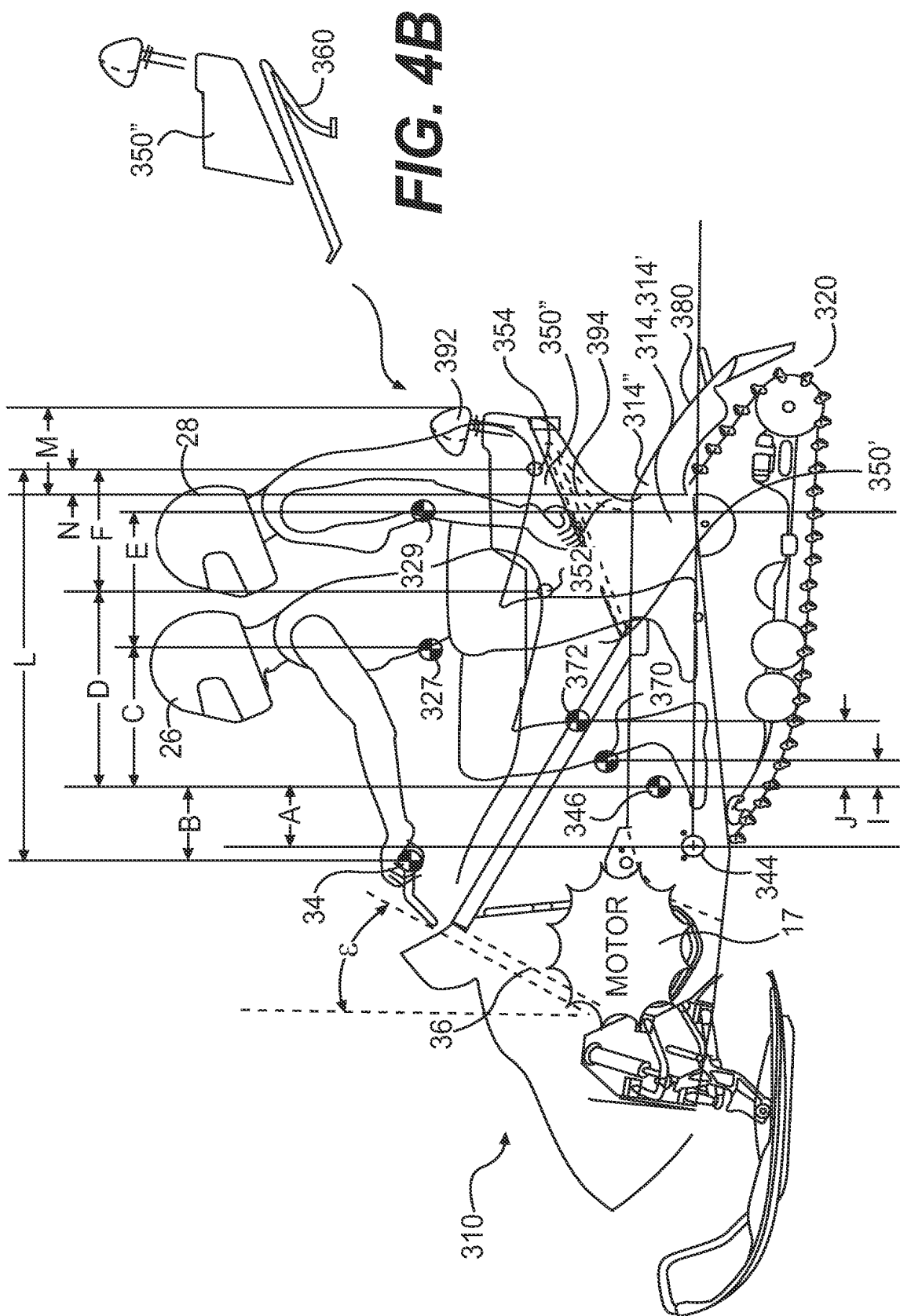
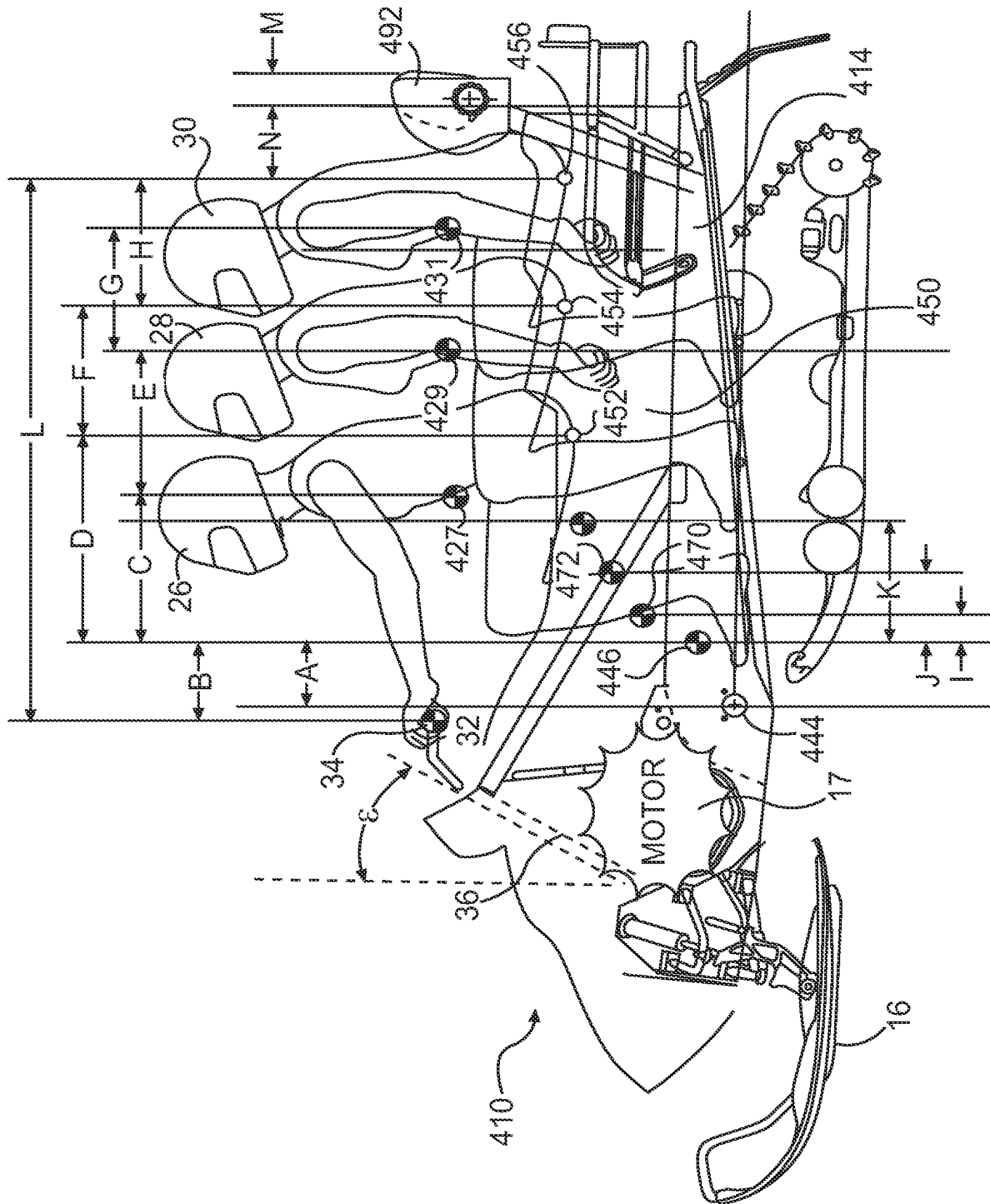


FIG. 4A



**FIG. 5**

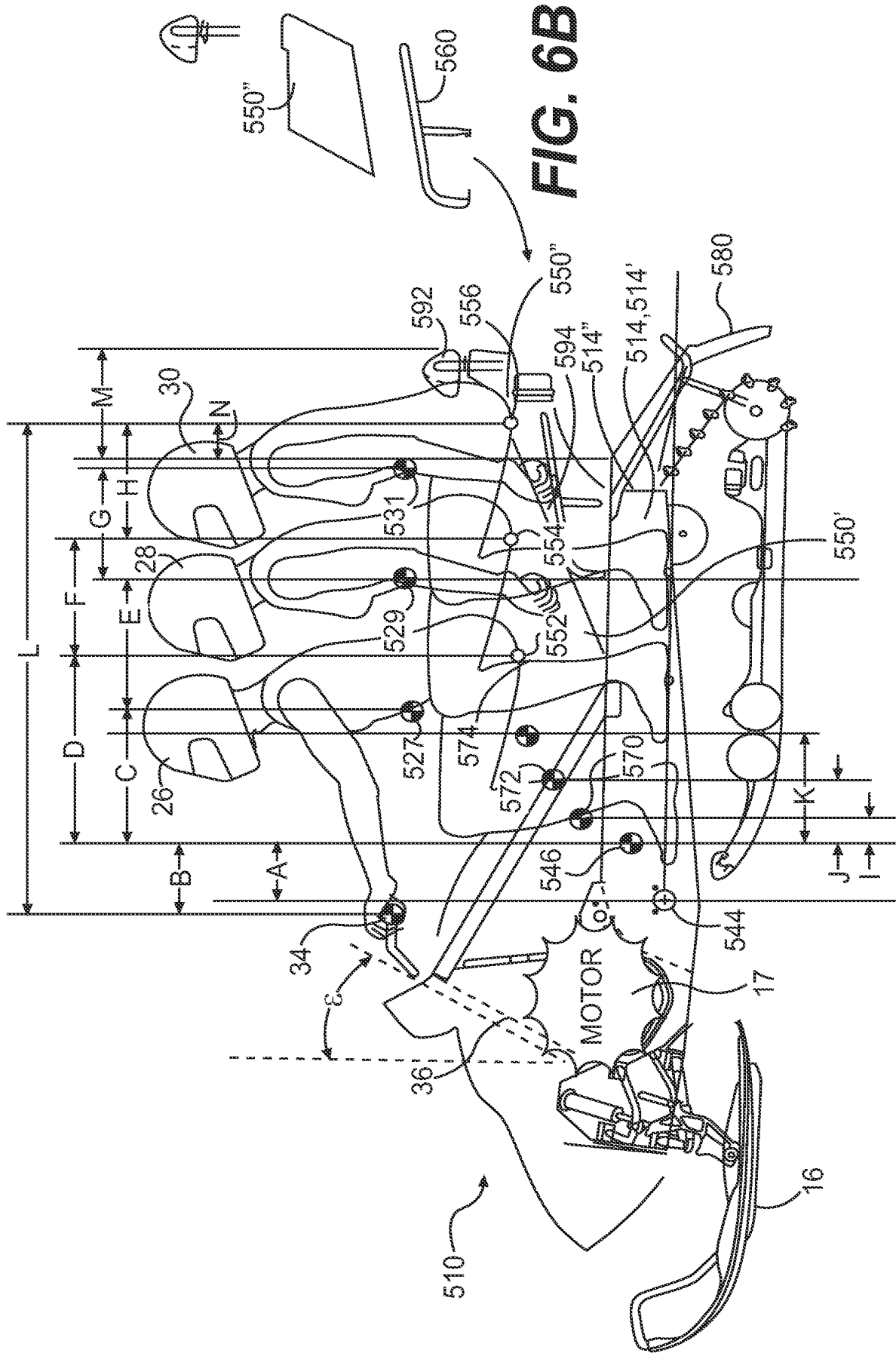
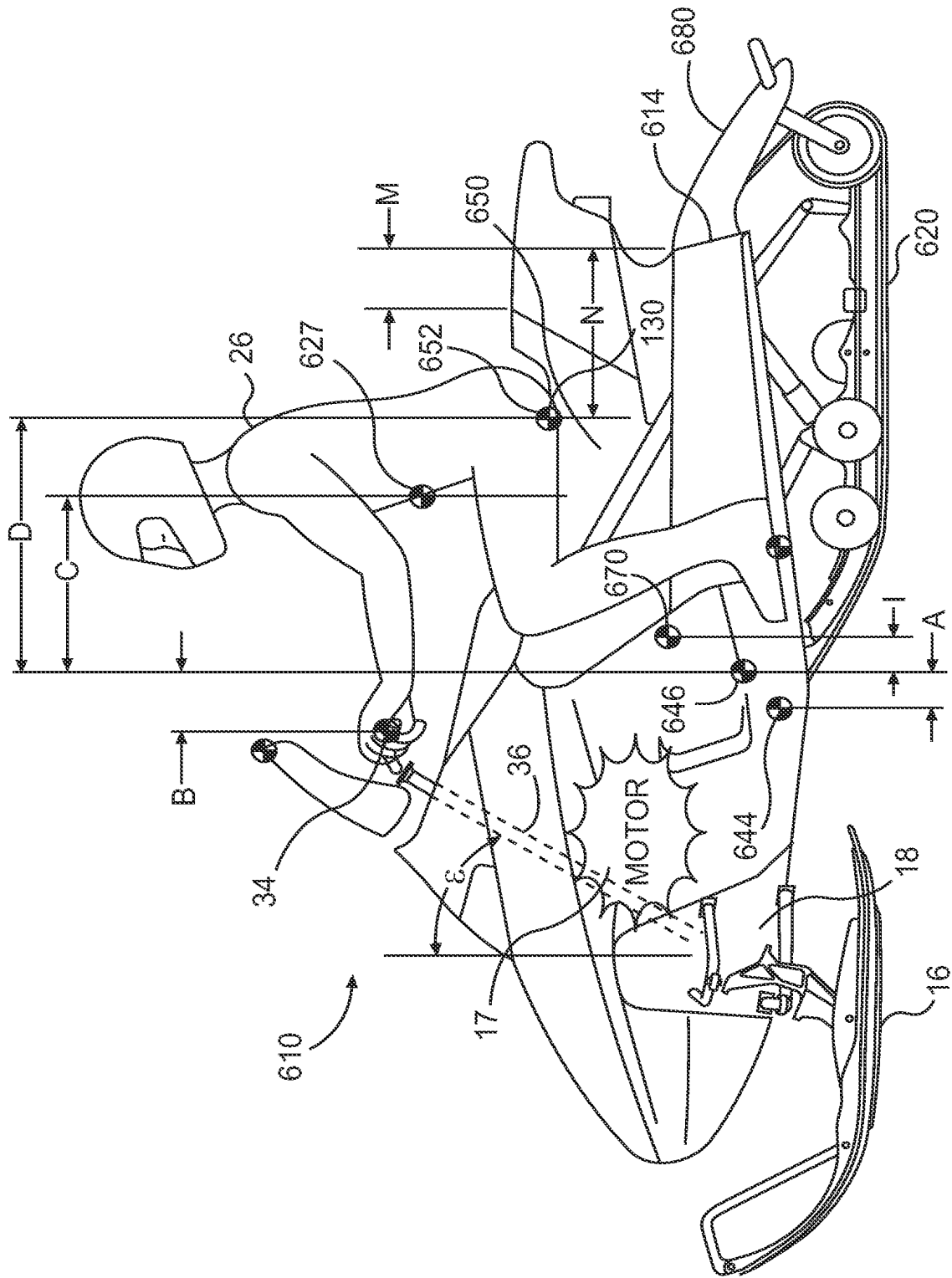


FIG. 6A

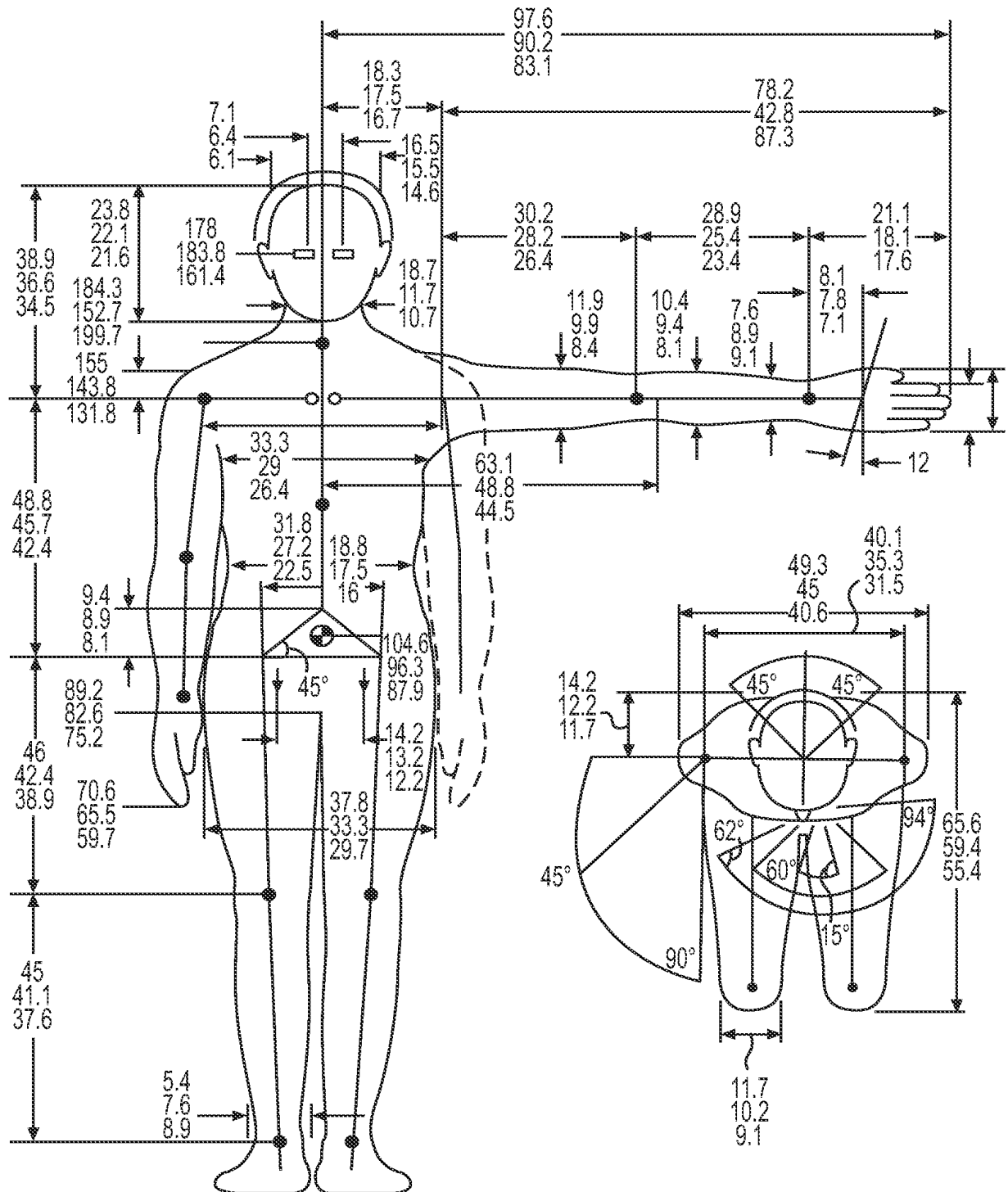


**FIG. 7**

Distance (mm)		VEHICLE							
		Convention		INVENTION					
		Long	Short	1st Embodiment 2-up Long (FIG. 2)	2nd Embodiment 2-up Long (FIG. 3)	3rd Embodiment 1+1 Short (FIG. 4A)	4th Embodiment 3-up Long (FIG. 5)	5th Embodiment 2+1 Long (FIG. 6A)	
ref.#	from:								
A	to (going back): foward axle CG(vehicle)	110	30	65	95	95	170	170	95
B	steering pos. CG(vehicle)	-160	-240	130	160	160	235	235	160
C	CG(vehicle) CG(rider 1)	645	725	350	320	320	245	245	320
D	CG(vehicle) seat pos(1)	795	875	500	470	470	395	395	470
E	CG(rider 1) CG(rider 2)	370	370	370	370	370	370	370	N/A
F	seat pos(1) seat pos(2)	340	340	340	340	340	340	290	N/A
G	CG(rider 2) CG(rider 3)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
H	seat pos(2) seat pos(3)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
I	CG(vehicle) CG(V+1 rider)	180	160	70	50	50	60	70	50
J	CG(vehicle) CG(V+2 riders)	290	280	175	190	190	170	170	N/A
K	CG(vehicle) CG(V+3 riders)	N/A	N/A	N/A	N/A	N/A	300	300	N/A
L	steer pos. rear steer pos.	975	975	970	970	970	1280	1265	N/A
M	back of frame back of seat	-50	0	100	-100	230	60	290	-110
N	back of frame rear steer pos.	-290	-120	-130	-340	80	-200	60	-260
Angles (Degrees)									
epsilon vert. and steering shaft		>=45	>=45	ALL < 45, preferably 25-40, more preferably 30-35, most preferably 33					

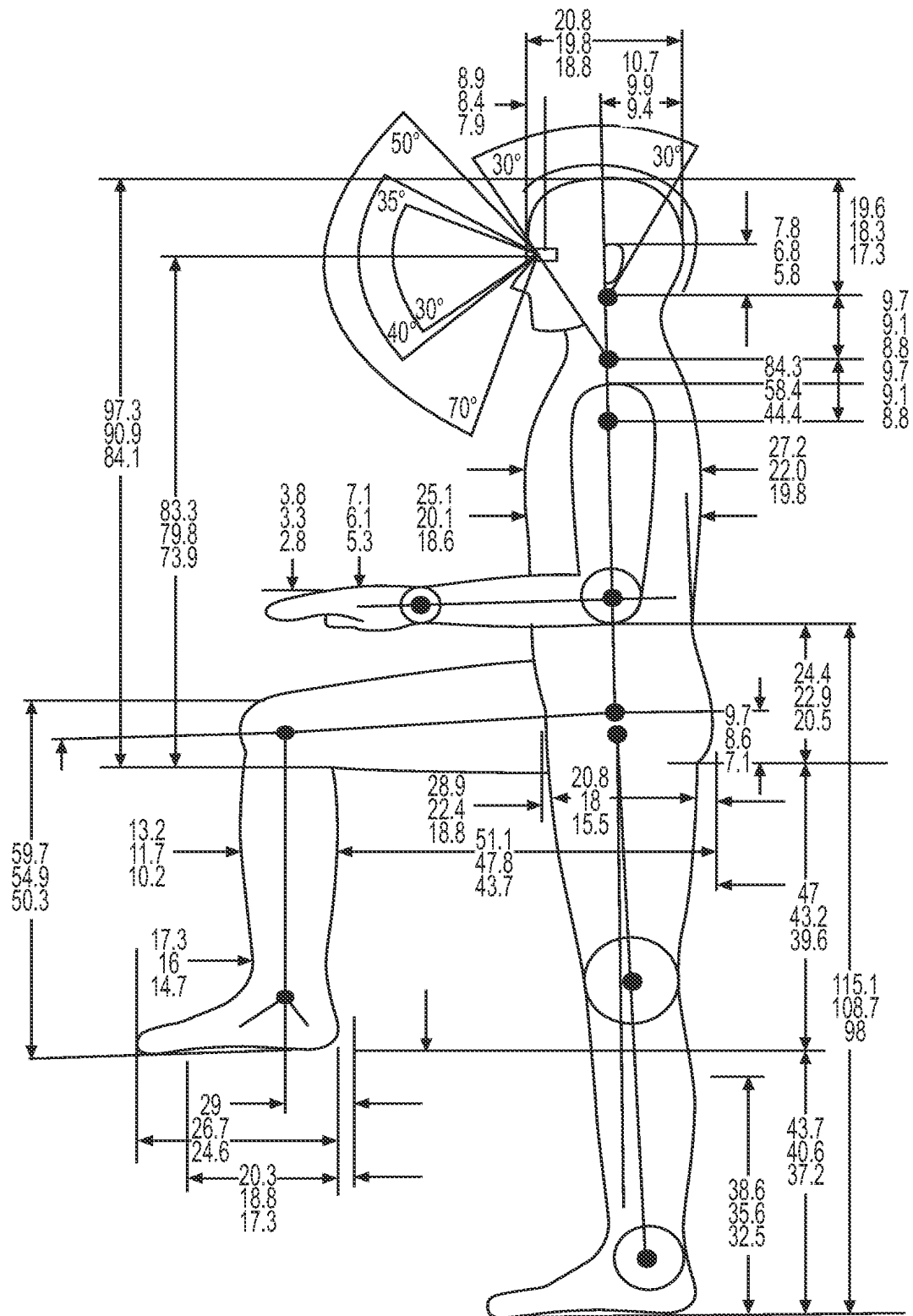
**FIG. 8**



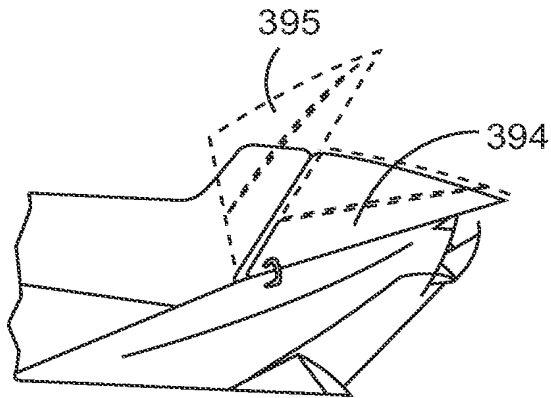


**FIG. 9A**

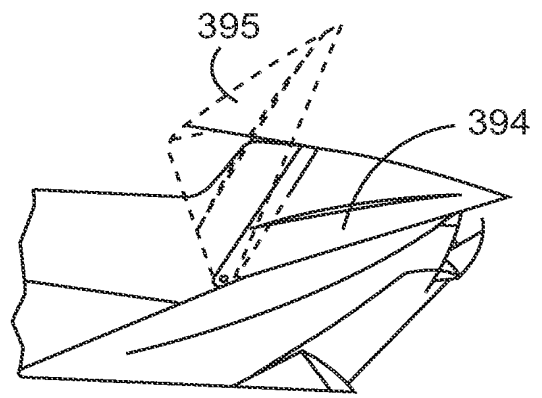
**FIG. 9B**



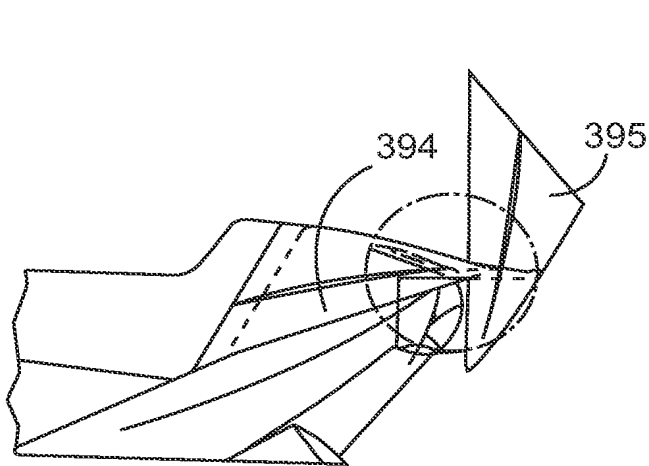
**FIG. 10**



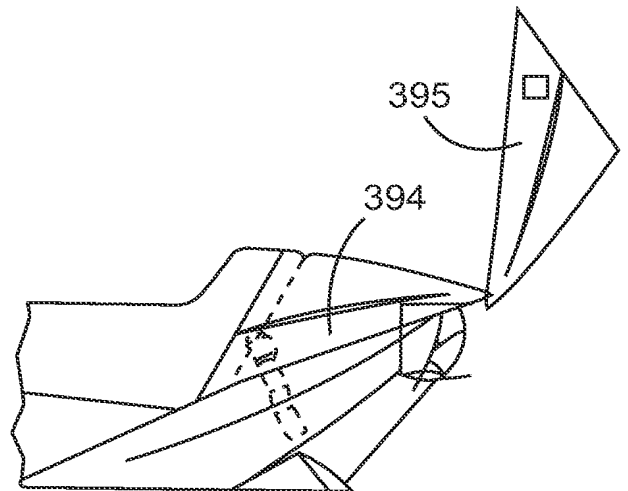
**FIG. 11A**



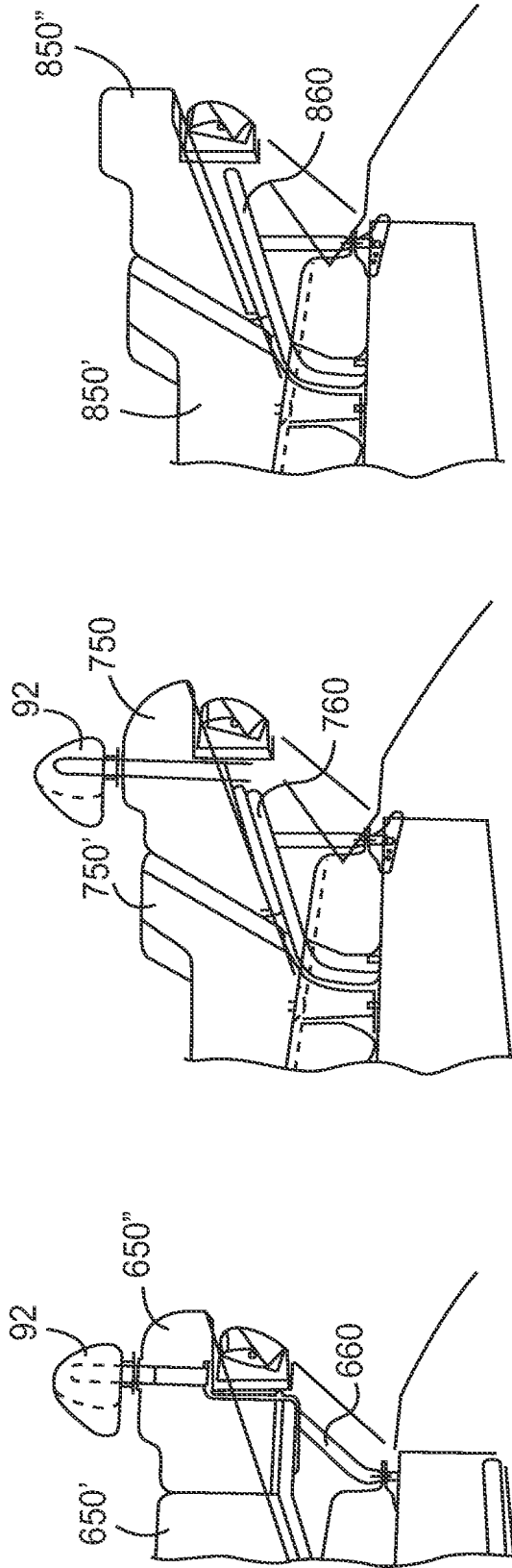
**FIG. 11B**



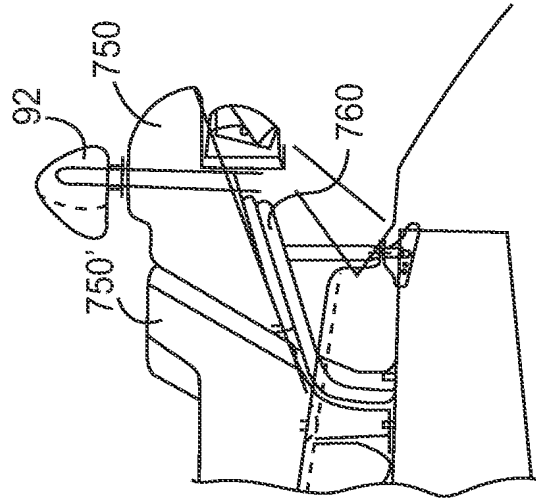
**FIG. 11C**



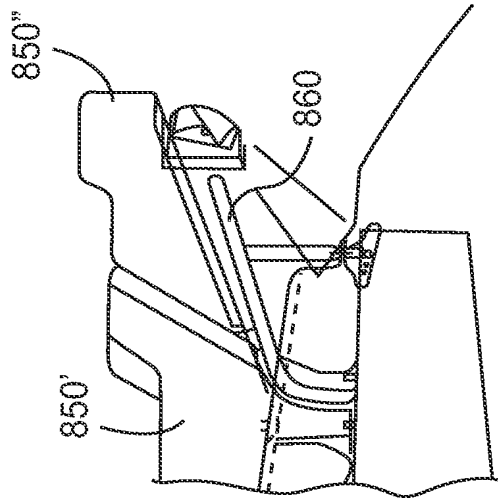
**FIG. 11D**



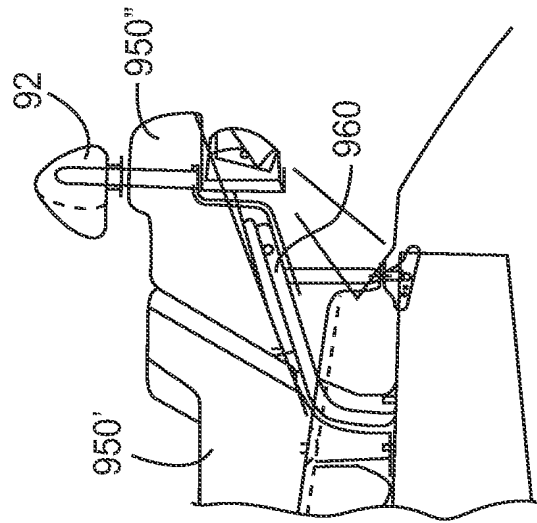
**FIG. 12A**



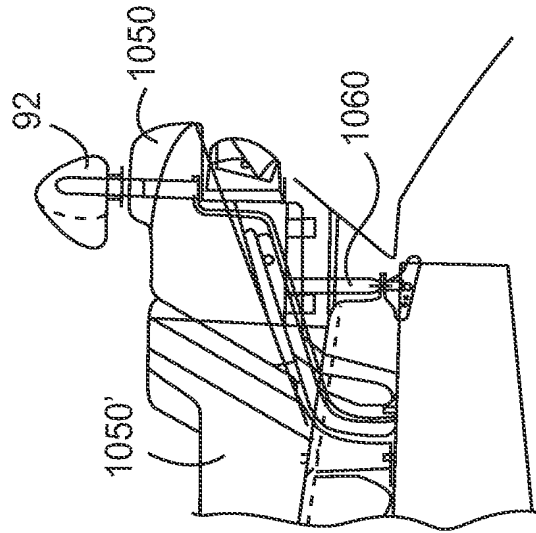
**FIG. 12B**



**FIG. 12C**



**FIG. 12D**



**FIG. 12E**